

DERWENT- 2000-544383

ACC-NO:

DERWENT- 200050

WEEK:

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TITLE: Driving safety devices in motor vehicle involves determining age/gender from image acquisition data for particular occupant by pattern comparison, triggering safety systems accordingly

INVENTOR: MILCH, S; ZANDER, A

PATENT-ASSIGNEE: VOLKSWAGEN AG[VOLS]

PRIORITY-DATA: 1998DE-1056129 (December 4, 1998)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
DE <u>19856129</u>	A1 June 8, 2000	N/A	004	B60R 021/02

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
DE 19856129A1	N/A	1998DE-1056129	December 4, 1998

INT-CL (IPC): B60R021/02, B60R021/32

ABSTRACTED-PUB-NO: DE 19856129A

BASIC-ABSTRACT:

NOVELTY - The method involves detecting anthropometric data depending on sensor and/or image acquisition (1,2) systems for the occupants relevant to the safety devices and generating corresponding triggering of the safety systems in the event of a crash. An age determination and/or gender determination is made from the image acquisition data for a particular occupant using pattern comparison and the safety systems are triggered (4) accordingly.

USE - For driving safety devices in a motor vehicle.

ADVANTAGE - Enables improved passenger specification for optimal triggering of the safety systems.

DESCRIPTION OF DRAWING(S) - Shows a schematic representation of an implementation of the method

camera 1

image acquisition unit 2

logic 3

trigger unit 4

crash sensor 5

CHOSEN- Dwg. 1/1
DRAWING:

TITLE-TERMS: DRIVE SAFETY DEVICE MOTOR VEHICLE DETERMINE AGE GENDER
IMAGE ACQUIRE DATA OCCUPY PATTERN COMPARE TRIGGER
SAFETY SYSTEM ACCORD

DERWENT-CLASS: Q17 T01 X22

EPI-CODES: T01-J07C; X22-J03B1; X22-J07;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N2000-402634